

19970704.qrp qrp-por0.776
>From owner-qrp-l@Lehigh.EDU Thu Jul 3 18:04 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.6/A-UX-3.1.1) with ESMTP id SAA22543
> for <shimshon@uro.theporch.com>; Thu, 3 Jul 1997 18:04:22 -0500 (CDT)
>Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
> by sco.theporch.com (8.8.6/SCO-5.0.2) with ESMTP id XAA13100
> for <shimshon@theporch.com>; Thu, 3 Jul 1997 23:04:15 GMT
>Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<34900-50702>; Thu, 3 Jul 1997 19:03:22 -0400
>Date: Thu, 3 Jul 1997 19:03:09 EDT
>Sender: owner-qrp-l@Lehigh.EDU
>Precedence: bulk
>From: qrp-l@Lehigh.EDU
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: QRP-L digest 776
>Mime-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Message-Id: <97Jul3.190322edt.34900-50702+196@fidoii.cc.Lehigh.EDU>
>Status: 0

QRP-L Digest 776

Topics covered in this issue include:

- 1) [22341] QRO op Shows Class!
by Ed Loranger <loranger@wolf.sr.hp.com>
- 2) [22342] Re: Invitation
by wj5o@juno.com
- 3) [22343] MI and ARCI contests and LOGic-4
by AE0Q V31RY <v31ry@ix.netcom.com>
- 4) [22344] Re: MI QRP July 4th CW Sprint
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 5) [22345] Trade Sierra 30-Meter for a 40 or ??
by Lee <jcs4us@cosmoaccess.net>
- 6) [22346] Trade Sierra 30-Meter for a 40 or ??
by Lee <jcs4us@cosmoaccess.net>
- 7) [22347] *NEW PRODUCT*: TiCK Mini-Paddle Keyers!
by wpc@west.net (Whiterook Products Company)
- 8) [22348] FD: the other story
by Joel Malman <malman@BBN.COM>
- 9) [22349] For Sale: SST 40m
by Michael Vines <mvines@pacbell.net>
- 10) [22350] WAS 50/40/30 last night.....
by k8cv@juno.com (Walt D Amos)
- 11) [22351] Colorado FD
by AlK0FRP@aol.com

- 12) [22352] QRP from the Black Hills
by "Kelly Ellison" <kelman@dialnet.net>
- 13) [22353] Vacation
by mhartwell@lucent.com (m.e.hartwell)
- 14) [22354] N6WG FD (pretty windy)
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 15) [22355] KPH now silent...
by "S. Lee" <slee@u.washington.edu>
- 16) [22356] FS: Timewave DSP-599zx, OHR 100, A&A 20 & 30m, S&S Ark 20, Autek
QF-1A
by Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
- 17) [22357] RE: For Sale: SST 40 m
by Michael Vines <mvines@pacbell.net>
- 18) [22358] Camping and radio! fishing! eating! sleeping!
by Jess Gypin <jessqrp@concentric.net>
- 19) [22359] CQ Houston, TX
by Mike Duke <K5xu@cris.com>
- 20) [22360] FD report, etc. (long)
by gsurrency@juno.com (Gary L L Surrency)
- 21) [22361] SST 20-R10?
by talljazz@teleport.com (Dan Presley)
- 22) [22362] SPRAT Number One
by Tony Fishpool <G4WIF@CompuServe.COM>
- 23) [22363] OHR 30 meter Spirit for sale
by Joseph Trombino jr <joebarb@wilmington.net>
- 24) [22364] Update
by mdwatt@usit.net (Marty Watt)
- 25) [22365] MI-QRP 4th of July CW Sprint
by Buck Switzer <n8cqa@tir.com>
- 26) [22366] Re: KPH now silent...
by Paul Harden <pharden@aoc.nrao.edu>
- 27) [22367] Re: Where's the antenna tuner?
by John Marshall <johnmars@mindspring.com>
- 28) [22368] Re: MI-QRP 4th of July CW Sprint
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 29) [22369] ARCI Renewal
by Randy Hargenrader <randyh@harksystems.com>
- 30) [22370] Re: MI-QRP 4th of July CW Sprint
by Monte Stark <ku7y@sage.dri.edu>
- 31) [22371] KPH closing.
by "Lawrence T. Owens" <w4dec@dibbs.net>
- 32) [22372] SST Varactor Switching
by "walter.b.thomas.1@pop300.gsfc.nasa.gov" <wthomas@pop300.gsfc.nasa.gov>
- 33) [22373] Re: [TenTec] Circuit breaker for Corsair II power
by "j.w. thornton" <dub@oklahoma.net>
- 34) [22374] FD @ W2UX in SC- 1B, 1 operator, battery/solar, 5 W
by Gary M - W2UX <MAIL4GARY@worldnet.att.net>
- 35) [22375] Re: [TenTec] Circuit breaker

- by "j.w. thornton" <dub@oklahoma.net>
- 36) [22376] Re: KPH closing.
by Jim Wallace <vintage@best.com>
- 37) [22377] TUF-1 mixer on VHF
by Zack Lau <zlau@arrl.org>
- 38) [22378] Vanity Gate 3 to open soon
by "Dana H. Myers" <myers@bigboy.West.Sun.COM>
- 39) [22379] Midway
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
- 40) [22380] 'F' on 40m (FD Sun AM)?
by chunt@macromedia.com (Christian Hunt)
- 41) [22381] Re: 'F' on 40m (FD Sun AM)?
by Ed Loranger <loranger@wolf.sr.hp.com>
- 42) [22382] Re: 'F' on 40m (FD Sun AM)?
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 43) [22383] cheap BF-981 dual gate mosfets
by Zack Lau <zlau@arrl.org>
- 44) [22384] Re: 'F' on 40m (FD Sun AM)?
by John Evans - N3Q00 <jae@codenet.net>
- 45) [22385]
by Sam Billingsley <sbillingsley@mindspring.com>
- 46) [22386] Re: 'F' on 40m (FD Sun AM)?
by "W. D. Lindsey" <70511.3041@CompuServe.COM>
- 47) [22387] Re: KPH closing.
by Joe Gervais <vole@primenet.com>
- 48) [22388] Re: cheap BF-981 dual gate mosfets
by Chris Trask <ctrask@primenet.com>
- 49) [22389] Question on CMOS Super Keyer III
by "Steve Cohen" <scohen@xybion.com>
- 50) [22390] Re: antenna formulae
by Clay N4AOX <wyn@worldnet.att.net>
- 51) [22391] Re: CMOS II memory keyer question
by Clay N4AOX <wyn@worldnet.att.net>
- 52) [22392] Re: QRP from the Black Hills
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 53) [22393] Adventure Radio Society
by N4JS <n4js@amsat.org>
- 54) [22394] Re: SPRAT Number One
by Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
- 55) [22395] Re: Adventure Radio Society
by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
- 56) [22396] Re: KPH now silent...
by wmcshan@REX.RE.ouhsc.edu (Mike McShan)
- 57) [22397] FS: WM20 QRP SSB
by pmeier <pmeier@tir.com>
- 58) [22398] Re: Question on CMOS Super Keyer III
by AE0Q V31RY <v31ry@ix.netcom.com>
- 59) [22399] Re: KPH now silent...

by "Michael A. Gipe" <mgipe@reliablemeters.com>
60) [22400] Re: QRO op Shows Class!
by tgordish@concentric.net

Date: Wed, 2 Jul 1997 16:33:01 -0800 (PDT)
From: Ed Loranger <loranger@wolf.sr.hp.com>
To: qrp-1@Lehigh.EDU
Subject: [22341] QRO op Shows Class!
Message-ID: <199707022333.AA261166381@wolf.sr.hp.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi Gang, am on a dumb terminal. My regular computer and all my bells/whistles is dead. Hope to have a spare going. So my sig is gone....

Had a nice qso with Whit, N5SU, last night from my QTH in Santa Rosa, CA. He's out of Dallas, TX.

I've been trying to push my 4 Watts in his direction for a long time. As a QRO operator, he pounds the S-Meter pretty hard around here and I had hoped to QSO him someday.

We finally worked. And something he did elevated my respect for him. Always QRP, I've worked many QRO op's who always seem to cut it short when they hear 'pwr hr is 4 Watts.' They politely: "Band Bad nw, so will say 73 es hope to wk U agn when condx better"....

Whit, N5SU, took a higher road. Telling me he was going QRP to even the score. Lowering his power as he continued to send, I listened intently. I lost him, sent a tone for help. Now, my bare-bones OHR-100 don't have no badgers doin' the listenin' fer me. I Cranked up the speaker volume, ran outside and connected my second Vert. ant in Phase -- Finding his faint signal agn. Had to don the headset.

We had a nice long chat and he made me work for him.

Fair is fair. Also I think he hooked up his straight key to play me there too.

Wish we had more QRO op's like him.

This Bud's for you, Whit!

72 to all.
-Ed Loranger, we6w
mailto:we6w@qsl.net <http://www.qsl.net/we6w>
limping along w/o my normal computer ;(

Date: Tue, 1 Jul 1997 15:21:36 -0500
From: wj5o@juno.com
To: QRP-L@Lehigh.EDU
Cc: henmel@worldnet.att.net
Subject: [22342] Re: Invitation
Message-ID: <19970701.153005.10286.1.WJ50@juno.com>

On Tue, 01 Jul 1997 11:51:04 -0700 Norm Melick <henmel@worldnet.att.net>
writes:

>Bill Todd wrote:

>>

>> At 07:16 AM 7/1/97 -0500, you wrote:

>> >First question. Have you ever been to Biloxi Mississippi?

>> >

>> >Mark

>>

>> For heavens sake, NO. I am sure the people who live there are great

>> Americans, but I have no burning desire to visit that fair city

>(hi).

>>

>> BCNU,

>> CUL - Bill-N7MFB

>> <http://www.techline.com/~bill>

>Hey!!!

>

>My best friend was the manager of the Biloxi power plant for 30 years.

>

>Some of the best oysters I ever ate were at a little place on the

>water,

>near the lighthouse. They owned their own boats AND oyster reef. A

>lot

>of Air force Air traffic Controllers were trained there, as well as

>hosting the RF101's, (186th TRS) from Meridian Mississippi during

>their

>annual 2 week summer camp.

>

>It's a great place to visit.

>
>Norm
>
>
Let me throw my 2 cents in also----
K5TYP KEESLER AMATEUR RADIO CLUB

When I visited my Daughter who used to live in Biloxi, I always was welcome to use the facilities at K5TYP. It's been several years now since She has moved--kinda miss the trip to Biloxi now. -----miss operating K5TYP.

73 Bill WJ50

Date: Wed, 02 Jul 1997 16:56:44 -0600
From: AE0Q V31RY <v31ry@ix.netcom.com>
To: qrp-l@Lehigh.EDU, logic.net@hosenose.com
Subject: [22343] MI and ARCI contests and LOGic-4
Message-ID: <2.2.16.19970702225644.319f8b16@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For any LOGic users (logging software), there are contest screens for logging and scoring the upcoming Mich July 4th Sprint and also the ARCI Summer Homebrew Sprint. They are called QRP_ARCI.CON and QRP_MICH.CON , and are both included in the file CONTESTS.EXE on my web site (it's a self-extracting file). The rules for both contests are there, too:

<http://www.qsl.net/ae0q/contest.htm>

If you've downloaded them before, they haven't changed. The scoring for other Mich QRP and ARCI contests should work for these next ones.

They both have keyer memories already set up the are the same as the function keys on 'CT', but you will have to change memory #2 because that has MY exchange information in it now.

When starting a new QSO, if you type in the callsign and HIS report (RST) right away, it will send him the report as part of memory #2. That's why I put the SENT_RST first after the call.

Don't forget to go to Contest Maintenance on the main menu, and select Clear Contest Dupe Info before operating the contest!

I've made logging screens for 4 other QRP contests, and they're all in the

CONTESTS.ZIP file.

73 -- Glenn

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
<http://www.qsl.net/ae0q>

Date: Thu, 3 Jul 1997 01:45:21 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: Monte Stark <ku7y@sage.dri.edu>
Cc: qrp-l@lehigh.edu
Subject: [22344] Re: MI QRP July 4th CW Sprint
Message-ID: <199707030045.BAA23682@chuck.dallas.sgi.com>

Wrong Ron Ron,

Ron M. in MI has the raspberry jam. :-)

But, hey I'll take a little gold rock from NV. That'll be just fine. How about a quart of oil against your lil ole rock?

You're on. Better sweat every point you can get OM.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
WIMPS: Qs=043 30m=32 17m=5 12m=0 States=23/05/00 DX=03/00/00 QSLs=015

Date: Wed, 02 Jul 1997 17:53:30 -0700
From: Lee <jcs4us@cosmoaccess.net>
To: qrp-l@lehigh.edu
Subject: [22345] Trade Sierra 30-Meter for a 40 or ??
Message-ID: <1.5.4.32.19970703005330.00752680@cosmoaccess.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Fellow QRPers....

I have a sierra with the 80,30,20 modules also a extra 30-meter module would like to trade for the 160 or 40 or 17 or 15 or 12 or 10 module.... Also would like the info on the ABX mod I have the original Norcal that doesn't have the ABX in it.... 72, Lee

- So far 38-Special Ten Tec 509 NorCal Sierra 38-S 49er

Date: Wed, 02 Jul 1997 18:00:13 -0700
From: Lee <jcs4us@cosmoaccess.net>
To: qrp-l@Lehigh.EDU
Subject: [22346] Trade Sierra 30-Meter for a 40 or ??
Message-ID: <1.5.4.32.19970703010013.0088a100@cosmoaccess.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Wed, 02 Jul 1997 17:53:30 -0700
>To: qrp-l@lehigh.edu
>From: Lee <jcs4us@cosmoaccess.net>
>Subject: Trade Sierra 30-Meter for a 40 or ??
>
>Hello Fellow QRPers....
> I have a sierra with the 80,30,20 modules also a extra 30-meter module
>would like to trade for the 160 or 40 or 17 or 15 or 12 or 10 module....
>Also would like the info on the ABX mod I have the original Norcal that
>doesn't have the ABX in it.... 72, Lee
>

Date: Wed, 2 Jul 1997 18:08:33 -0800
From: wpc@west.net (Whiterook Products Company)
To: qrp-l@Lehigh.EDU
Subject: [22347] *NEW PRODUCT*: TiCK Mini-Paddle Keyers!
Message-ID: <v01530505afe081f36e66@[205.254.241.78]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings QRP-L!

The Whiterook Products Company is very pleased to announce the addition of two new QRP/CW related items to our product line:

***The MK-64 Series TiCK Iambic Mini-Paddle Keyer

***The MK-65 Series TiCK Single Lever Mini-Paddle Keyer

For those of you familiar with our line of Pocket Mini-Paddles, the MK-64 and MK-65 are versions of our popular MK-44 and MK-33 models, only with the amazing TiCK Keyer Chip built in!

These unique, highly portable, and miniature size keyers are completely self contained. Just add batteries and they're ready to go!

For more details, visit our World Wide Web Site at:

<http://www.west.net/~wpc/>

For those with text only browsers, there is a link to our new Text Only WWW Site.

Thank you to all those who have already purchased an MK-64 or MK-65.

Stay tuned to our Web Site for more unique items and interesting content!

73, John

John L. Roblin, WA6KY0 (QRP-L #759)
Whiterook Products Company (WPC)
309 South Brookshire Ave.
Ventura, CA 93003-4413 U.S.A.

Telephone & Fax: +1 (805) 339-0702
E-mail: wpc@west.net
World Wide Web Site: <http://www.west.net/~wpc/>

Manufacturer of a unique and growing line of Amateur Radio Products,
Electronic Kits, and Commercial Grade Clocks.

Date: Wed, 2 Jul 97 21:30:55 EDT

From: Joel Malman <malman@BBN.COM>
To: qrp-1@lehigh.edu
Cc: malman@BBN.COM
Subject: [22348] FD: the other story
Message-ID: <199707030131.VAA34459@nss2.CC.Lehigh.EDU>

OK folks, I told you about how many stations I worked and how I had good time, but I did not say anything about what my real mission was this FD. Time to come clean.

What I really wanted to do this FD (besides having some fun) was to get two new hams (one N/C and one T+) interested in HF work. They are Husband/Wife and only use 2m FM for their ham activities. So I wanted to set some HF bait and then reel them in.

First part of the project was to show them how a temporary HF antenna is constructed. (I used the Rock and Rope method). The N/C (male) thought it was neat.

The N/C was first to listen-in and watch me work 20m CW at about 27 wpm. I would speak out the call of the station and his report/section. The N/C was quick to figure out who was sending faster. SSB operation on 80 meters was something they both could relate to ... "gee, that's easy" and "do you always run QRP?" and "is that all you have to exchange?".

Anyway, who knows, maybe we will have to new general's around for next FD. I hope so. Cheers and 72.

/joel wa1qvm (malman@bbn.com ... Concord, Ma.)
WIMPS: Qs=183 30m=164 17m=17 12m=01 States=26/04/00 DX=050/12/01

Date: Wed, 2 Jul 1997 18:47:38 -0700 (PDT)
From: Michael Vines <mvines@pacbell.net>
To: qrp-1@Lehigh.EDU
Subject: [22349] For Sale: SST 40m
Message-ID: <2.2.16.19970702184722.1a07f73a@pacbell.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For sale:

40 meter SST kit in original packaging (unassembled). \$50 ppd.

Mike, N6HVP

Date: Wed, 2 Jul 1997 15:45:14 GMT
From: k8cv@juno.com (Walt D Amos)
To: qrp-1@lehigh.edu
Subject: [22350] WAS 50/40/30 last night.....
Message-ID: <19970702.154523.6422.2.k8cv@juno.com>

Here are the results.....I had S-9 + qrn from local weather all night. Bummer...

1997 General QSOs K8CV

Band Pts	Date	Time	QSO#	Call worked	Sent	Rcvd	Name	Qth
----	----	----	----	-----	----	----	----	----
30CW 1	02-Jul-97	00:09	1	KM7W	599	569	TN 5W	MARTY
30CW 1	02-Jul-97	00:28	2	WB4KLI	599	529	KY 2W	LARRY
30CW 1	02-Jul-97	00:32	3	KX2H	559	539	NY 5W	ALLEN
30CW 1	02-Jul-97	01:21	4	KR4TI	559	579	TN 50W	PETE
30CW 1	02-Jul-97	01:29	5	KM5DT	559	559	MS 100W	BEN
30CW 1	02-Jul-97	01:46	6	KB0LIC	559	339	KS	VINCE
30CW 1	02-Jul-97	01:58	7	J85M	339	449	CLAUD	
40CW 1	02-Jul-97	02:12	8	N2TNN	599	559	NJ 5W	DAN
40CW 1	02-Jul-97	02:19	9	KC4WXB	599	559	JAY 2W	VA
40CW 1	02-Jul-97	02:25	10	KM7W	599	589	TN	5W
40CW 1	02-Jul-97	02:44	11	K8NQQ	599	549	3W NY	ROY

Sorry about the many that were calling and I could not pull out.

73

Walt k8cv

Date: Wed, 2 Jul 1997 22:04:23 -0400 (EDT)
From: ALK0FRP@aol.com
To: qrp-1@Lehigh.EDU
Subject: [22351] Colorado FD
Message-ID: <970702220212_744114684@emout08.mail.aol.com>

Not official yet
about 820 q's , 400 down from last year , very poor condx.
No 6m not much 10m very disappointing.
great WX and antennas went up and down without a glitch. Well maybe one
broken el on the 6m beam.
May have we got beat this year ????
Again this is totally unofficial but did talk to Paul KF7MD and thats we can
up with still mearging files from all computers.
I NEED 4 EL at 150 ft on 80M to keep the 3 am to 6am going any sugestions.
2el delta was not enough.
Official later , In Califorinia this week will be canoeing in the boundry
waters next week. will be on 40m with Sierra.
Al K0FRP

Al K0FRP

Date: Wed, 2 Jul 1997 21:25:16 -0700
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [22352] QRP from the Black Hills
Message-ID: <199707030225.VAA21479@shell.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello All,
I will be operating portable from the Black Hills of South Dakota all next
week. I hope to be set up with Argosy and random wire antenna this
weekend. I will be operating on 7.040, 14.060, and 28.060 and Ten Meter
SSB. The location will be West of Custer Sdak at my folks house. Hope to
work some of you from the hills. I may set up at Mount Rushmore and

operate for a few hours on Ten meters. See you then!

Kelly Ellison
WB0WQS
Aurora, Missouri
QRP-L 702

Date: 2 Jul 1997 23:02 EDT
From: mhartwell@lucent.com (m.e.hartwell)
To: qrp-l@Lehigh.EDU
Subject: [22353] Vacation
Message-ID: <199707030306.XAA02484@emsr2.emsr.lucent.com>

Hi gang

I guess I should at least make an announcement just in case there is anyone interested. I am taking vacation and will be in Livermore CA for the July 4th weekend and then up to Truckee next week.

Anyone in Livermore want to own up and let me know your there. I plan on taking my laptop and will check in for email.

Marty kd8bj

Date: Wed, 2 Jul 1997 20:03:00 -0500
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: qrp-l@Lehigh.EDU
Subject: [22354] N6WG FD (pretty windy)
Message-ID: <M1958198.002.q3q01.1.970703031536Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/PRMD=MOT/ADMD=MOT/C=US/@MHS>

After a week away from QRP-L, I'm still plowing through the digests. Oh, well, I get to read everyone else's FD stories. Might as well tell ours, too.

The Alameda County Radio Club (Castro Valley, CA, on SF Bay), under the call of yours truly, N6WG, went out to our usual site in a local county park. Used to be a great Eucalyptus forest, but the park district decided they needed a firebreak in this forest. Guess what got cleared? Our favorite FD site, now known as Bald Knob. We did catch them in time to plead for a few trees to be

left, and it still works for us as a FD site. (Plus a few steel trees we bring along.) At least we have a nice view of San Francisco Bay.

Haven't seen our score yet, as our record keeper is still trying to figure out all the scribbled logs he gets every year. Maybe by club net next Monday night we'll have a first report.

We take QRP contesting seriously, up to a point. When our outstanding barbeque cook calls DINNER, the joint shuts down tight, and we all go chow down. Usually have a few visitors, like our Pacific Division Director (knows a good chow site when he finds one), and various family members. My wife brought my 94 year old mother up to the site, and she had a great time.

Got our antennas up, finally. Real wind blowing up there on the Knob, with 2-ounce slingshot weights being blown sideways. Support strings snaked through the trees following the classic Drunkard's Walk. We had several antennas hung from the same trees, so had to organize them with a bit of care.

The club treasury buys the box of cord we use to hang antennas, and the purchasing committee got a real "buy" this year. After several antennas came down, including my prize 40m half-square, we realized why it had been such a great "deal". Next year back to the good stuff. Fortunately, I also had a 40m dipole up on some Radio Shack TV mast sections so we stayed on the air. Tried to salvage the half square by rehanging the dropped end so that the normally-vertical leg was horizontal. That corner was only 10 ft off the ground. Turned a fine antenna into a long skinny dummy load. Bummer.

I worked the 40m cw tent, QRP, naturally. The rig was my Kenwood TS-180 (ol' Kenwood to his friends), plus a couple of keyers. We were lucky to have the services of Bob White, W03B, this year, and Bob Buckley (Buck, W6HOR), both accomplished paddlers. W03B brought his LogiKey, which I hadn't seen before, and I brought my Island Keyer with Island Memory for its first outing. Properly used, that's as good as having an assistant. Didn't use it for CQing a lot, but boy did it help with the repetitive stuff. Gave us time to scribble in the log while the keyer pumped out 8A 8A EB EB for our exchange.

On 40m cw, at least, we never identify as QRP. We just take the world head on and let the chips fly. Now, those guys over in the 40m and 20m ssb tents, they carry on a lot and will try anything for a sympathy contact.

Dwight, WA6NAE, brought his 20m SST and made 35 contacts on it during a quiet period. His antenna is a 20m half-square with a half-square reflector. Working the east coast stations is like shooting ducks in a barrel. W03B brought his shiny new 20m SST also, and used Dwight's antenna for a bit. Now his rig is "experienced" too.

On 40m we logged 228 contacts, about 15% over our previous best. First time we've had enough bodies to run the station for 24 hours. Enjoyed seeing what we

could really do. Now, next year with at least two good antennas . . .

Did run across Bill, KD7S, and a few others whose calls I've forgotten just at the moment. From the reports I've read so far, there were a lot of familiar names and calls behind some of the unfamiliar calls we worked.

Anyway, we all had our usual great time. Once we get the score figured out and turned in, we'll have to wait for November QST to see if we made our goal, lucky 13. We've taken first place in 8A Battery 12 years in a row now. Would be nice to do it again.

73 to all,
Bob N6WG

Date: Wed, 2 Jul 1997 20:16:23 -0700 (PDT)
From: "S. Lee" <slee@u.washington.edu>
To: qrp-1@lehigh.edu
Subject: [22355] KPH now silent...
Message-ID: <Pine.A41.3.95b.970702194800.45826B-100000@homer14.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Received this information via Associated Press in a story by
James Clifford...

Radio station KPH, the oldest maritime radio station on the west coast, went silent on Tuesday, July 1, 1997. It's primary mission was to provide high speed Morse and SITOR communications to ships at sea. The station first went on the air in 1904 out of San Francisco with the call sign PH. It was destroyed in 1906 during the Great San Francisco earthquake. In 1912 the station was acquired by the Marconi Company and moved to its present location in Marin County, California. The station was at its busiest during the era of the Vietnam conflict when it passed as many as 1000 messages a day to US ships in the Pacific.

RIP KPH..it was the first station my son heard when he built his NorCal40. (he had wound his toroid with too few turns, hi hi)
Stephen Lee, AB7HI
slee@u.washington.edu

Date: Wed, 2 Jul 1997 21:42:35 -0400
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [22356] FS: Timewave DSP-599zx, OHR 100, A&A 20 & 30m, S&S Ark 20, Autek QF-1A
Message-ID: <Pine.3.89.9707021852.A16751-0100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

- 1) Timewave DSP-599zx DSP filter, like new with box, manual. Has all kinds of neat features in addition to being a great audio filter. 3 months old, \$369 new. \$320.
- 2) Autek QF-1A analog audio filter. Have two, selling one. \$52, with manual. Good filter, use one frequently.
- 3) A&A K9AY 30m kit, \$80.
- 4) A&A K9AY 20m kit, completed except for ICs. \$85.
- 5) S&S Eng. Ark 20, exc. condition. With free internal keyer, Ramsey linear amp and manual. \$275.
- 6) Optoelectronics 1300H 8-digit handheld freq. counter, like new condition, built from kit. Built-in NiCd pack, LED display. Two gate speeds. \$70. Good to 1.3 GHz.
- 7) ADI AT-200 2m high power HT in new condition - box, manual, everything. 5w battery, CTCSS encode and decode, 12v DC jack, <1 year old. Being closed out at \$169, asking \$120.
- 8) Kenwood TR-2500 2m HT with 3 battery packs, ST-2 charging/operating stand, Bianchi leather case. Exc. cond for a basic, 1985 HT. REALLY easy to use, 10 memories, LCD display. \$120 takes all.
- 9) STandard C188A slimline 2m HT, new in box. Manual, box, duckie, protective cover for keypad, CTCSS encode/decode, super-wideband receive (50-200 MHz), 6v 700 mAh battery pack. \$289 new, asking \$200, still 10.5 mos on warranty.
- 10) Yaesu FT-208R old HT. Fair shape, with NC-8 operating/charging stand + speaker mic, duckie, more stuff laying around, and manual. Works. PTT button on radio doesn't but speaker mic takes care of that. Has CTCSS encode board. No belt clip. LCD display. \$95.

Thanks for reading! CU at Tuthill!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Wed, 2 Jul 1997 20:57:01 -0700 (PDT)
From: Michael Vines <mvines@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [22357] RE: For Sale: SST 40 m
Message-ID: <2.2.16.19970702205639.2807b3e0@pacbell.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>For sale:
>>
>>40 meter SST kit in original packaging (unassembled). \$50 ppd.
>>
>>Mike, N6HVP

The SST is sold. Thanks for the replies.

Mike, N6HVP

Date: Wed, 02 Jul 1997 22:03:29 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [22358] Camping and radio! fishing! eating! sleeping!
Message-ID: <33BB2491.429F@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Will be heading for the hills again this weekend yippee!

I will only be taking the Emtech NW 40 and the 38S this time. Both good radios! I am going to be using the MMA SLV and the N0TFI coil version of the SLV. Hope to do a little side by side. Might whip up a 40 meter

long wire just for fun.

Look for me on the usual 7040 +- qrm and 10116 gave or take. Will try for morings and evenings with no set sched. Depends on the kids and the fish!

Best

Jess N0TFI

<http://www.concentric.net/~jessqrp>

Date: Thu, 3 Jul 1997 00:40:51 -0400 (EDT)

From: Mike Duke <K5xu@cris.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [22359] CQ Houston, TX

Message-ID: <Pine.SUN.3.96.970703003647.444J-100000@viking.cris.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I will be there July 5 - 12, in west Houston, attending the convention of the American Council of the Blind. Listen for me on 147.48 simplex, plus repeaters. Sorry, no hf rig for the trip.

72/73

Mike

AMATEUR RADIO STATION K 5 X U

Jackson, Mississippi

Date: Wed, 2 Jul 1997 10:56:57 -0700

From: gsurrency@juno.com (Gary L L Surrency)

To: qrp-1@Lehigh.EDU

Subject: [22360] FD report, etc. (long)

Message-ID: <19970702.105813.10246.1.gsurrency@juno.com>

I noticed something interesting: If I called the weakest signals I could hear, up around 14.060 - 14.070 on 20m, I almost ALWAYS got a response! Could it be those signals were from fellow QRPers? ;-)

OTOH, a lot of VERY strong signals I heard would NOT reply, but just went on calling CQ FD. Maybe it WAS as some of you have posted; they had so much QRM and QRN from their FD setup site, they really couldn't hear anything below an S9. <:-p

Pity.

Yep, I heard it too. There were some QRL? 's heard, and I was absolutely flabbergasted to hear THAT during a contest! (:o

Did ya hear those buzzing, chirping, signals on 20m? Man, it sounded like 40m when I lived in Fla near Cuba! But these weren't Cuban stations! Whoa! Better check that gear, boys!

Haven't tallied up the Q's I made; there weren't that many, but I haven't unpacked yet!

Most interesting thing that happened:

During operation on Sat, a hummingbird flew over my aluminum folding table and hovered about 2 feet from me and the rigs! He looked around, and then made a beeline off thru the woods. I saw him flying about and heard him make odd vibrating tweets the whole time I was at the campsite. Cool.

The elevation was about 7200 feet, and the campsite area was above the entire surrounding terrain. Sat afternoon it became pretty windy and dusty, so I took the XYL and 4 yr old for a little ride down to the bottom of the Blue Ridge Canyon to see the lake there. We also went back toward Payson 10-15 miles to a little store at Happy Jack's / Clints Well for a few missing supplies. If you have a Az map, this area is North of Payson about 30-40 miles between the Mogollon Rim and Mogollon Plateau.

On Sunday morning, I became quite fatigued and decided to pack it in before the winds started up again and began the trip back to the Phoenix / Chandler area. I just gotta get a programmable keyer / keyboard before the next contest. The old injury in my keying hand starts to bother me after just a couple of hours of paddle operation, to say nothing of the work involved in setting up a campsite. Maybe something will turn up at the Ft. Tuthill hamfest the end of this month.

The wife also couldn't sleep Sat night and kept me up much of the time. She is expecting our second child in late Dec., and has nausea / anxiety attacks all night. She also heard some raccoons dragging away something she left out on the picnic table and forgot to put away. My 4 yr old daughter April slept like a, ahem, baby.

Although Bob KI7MN and Dave W7AQK had some trouble with the Forest Service rep, the fellow we met seemed interested in ham radio and FD. He watched me wrist-rocket the antenna line up into the pines and commented that I used the easy method, compared to casting a line with a fishing rod. He didn't seem to mind at all this activity in the National Forest

campground. Go figure.....

Bob, KI7MN sure had a nice FD setup! He and xyl N7XJW were setup near Dave W7AQK and about 100-200 yds west of me and my xyl, KC7MML. I enjoyed stopping by and chatting with them for a few minutes.

Also made some FD points with a nice lady who walked by as I was preparing to leave. I explained a lot of what ham radio is all about, and suggested she look for "Now You're Talking" at a Radio Shack store if she was interested in finding out more.

The usual comments, like "How'd you get that wire so high up in the trees?" and "Are you going to talk to people all over the world on that?" I explained that some hams also use satellites for communications, thanks to Arthur C. Clarke and his marvelous imagination and vision. "Arthur C. Who?" "You know, he wrote "2001, A Space Odyssey."" "Oh", she replied.

We saw several shooting stars and some of those satellites passing overhead during the clear night skies. The Milky Way was easily discernable in the light-pollution free forest night. Also made out Mars and Venus.

Gotta count up the Q's and unpack the gear, but I had a lotta fun and didn't go at it too hard. Mostly enjoyed the beautiful country and cooler weather. It was nice to see some of the other ScQRPions, including champion Fox hunter, Floyd, NQ7X. I heard Dan, N7VE and Brian W5VB0, although I didn't try to track them down. I tried to stay away from the other guys' frequencies as they operated to prevent QRMing then. That is one small disadvantage of being relatively close to a group. My dipole was fed with tuned feeders at about 50-60 feet, and was end-on to the other ScQRPion members so perhaps that minimized any RF directed their way. Still, it was amazing how loud 2-5 watts can be when you are less than 500 feet away from the transmitting station.

But I could still operate at the opposite end of the band from the local ops with the rigs I took along.

You know, in all the years I've been a ham, I think this was the first FD I've ever participated in!

Equipment in use:

two 7 A/H gell cells

Tac-1 for 40m

Tac-1 for 80m

Ark30 for 30m ragchews (none made, tho)

OHR100 for 20m

MFJ-948 tuner
MFJ-259 antenna analyzer
Bencher BY-1
homebrew keyer for the OHR100 (external)
100 feet of 300 ohm twinlead
130 ft dipole

72,

AB7MY
Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions

Date: Wed, 2 Jul 1997 23:37:05 -0700
From: talljazz@teleport.com (Dan Presley)
To: qrp-l@Lehigh.EDU
Subject: [22361] SST 20-R10?
Message-ID: <v0153050bafef821af7d@[206.163.125.19]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Trying to get my SST built, and noticing one posting for a different value for R10 (from 220 to 120 ohms). Is this a recommended mod, or just experimentation (not that's bad!)?
I'll get this guy up in time for the Bumblebee sprint!
Dan N7CQR

Date: Thu, 3 Jul 1997 04:10:49 -0400
From: Tony Fishpool <G4WIF@CompuServe.COM>
To: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Cc: QRP List <qrp-l@Lehigh.EDU>, GQRP List <gqrp-l@blacksheep.org>
Subject: [22362] SPRAT Number One
Message-ID: <199707030411_MC2-19AE-EF76@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Gang,
It's already at a site near you. The G-QRP club site. Frank

you are welcome to put it on your site, or just link to the club's to save space on your server.

The URL is:

http://ourworld.compuserve.com/homepages/g4wif/q_about.htm

This page talks about the club beginings and there is a link to download Sprat No. 1.

Kind Regards

Tony - G4WIF

<http://ourworld.compuserve.com/homepages/g4wif/gqrp.htm>

>From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>

>Date: Wed, 2 Jul 1997 18:24:04 +0100

>Subject: GQRP - SPRAT Number One

>Coming to a web site near you, a copy of SPRAT Number 1, when my XYL has=

>finished typing it and I've sorted out the drawings, QRX...

>73 Frank, G3YCC.

Date: Thu, 03 Jul 1997 09:57:17 -0400

From: Joseph Trombino jr <joebarb@wilmington.net>

To: QRP-L@Lehigh.EDU

Subject: [22363] OHR 30 meter Spirit for sale

Message-ID: <3.0.1.32.19970703095717.0068ca10@mail.wilmington.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hello fellow QRP'ers: The OHR Classic is sold but I still have the OHR Spirit for 30 meters for sale. This superhet has xtal/audio filtering, QSK, with full 5 watts output. Includes built-in Curtis keyer from OHR. Very strong receiver will not fold up under strong signal conditions. No smoke blown at it and has never been out of shack (9 on 10 scale) --- \$135 shipped. New toy on the way so need to make some more room on QRP bench!!

Vy 72/73, Joe W2KJ

enmail:

joebarb@wilmington.net

or call 910-270-3184

Date: Thu, 03 Jul 1997 14:21:33 GMT
From: mdwatt@usit.net (Marty Watt)
To: qrp-1@Lehigh.EDU
Subject: [22364] Update
Message-ID: <33bdb3cb.42159836@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I just wanted to let everyone know that KM7W will be relocating the station to Middle Tennessee (Nashville metro) come the end of this month. I've (finally) found a job. Unfortunately, I'll probably be in an apartment for the extended near future (probably two years or more).

My time demands will increase as a result, but I'm still here ...

The e-mail address will not change.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~

-----  
Date: Thu, 3 Jul 1997 10:31:38 -0400 (EDT)  
From: Buck Switzer <n8cqa@tir.com>  
To: adams@chuck.dallas.sgi.com  
Cc: n8cqa@tir.com, qrp-1@Lehigh.EDU  
Subject: [22365] MI-QRP 4th of July CW Sprint  
Message-ID: <199707031431.KAA13185@tir.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Chuck & all - This is the first time for the 4th of July Sprint. However, we have had as many as 60 logs for other Sprints, all centered around holidays.

My mailbox is big enough to hold all the logs I can get! Remember, we are looking for participation.

My keyer goes from 3 wpm to 33 wpm, will be operating WQ8RP at K8DD's as my antennas and tower are all on the ground being redid and repaired.

Hope to work a record number of folks on the 4th. Rules etc are also on the MI-QRP web page: <http://www.geocities.com/CapeCanaveral/2844/miqrp.htm>.

72/73

```
*****
*Buck Switzer, N8CQA, 654 Georgia Ave., Marysville, MI 48040-1243 *
*Home:(810)364-9640, Work:(810)469-1600, Fax:(810)364-8179      *
*n8cqqa@tir.com, am441@detroit.freenet.org                      *
*                                                                *
*****
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-----  
Date: Thu, 3 Jul 1997 08:42:33 -0600  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: qrp-l@Lehigh.EDU, slee@u.washington.edu  
Subject: [22366] Re: KPH now silent...  
Message-ID: <199707031442.IAA03814@zia.aoc.nrao.edu>

Stephen AB7HI,  
Thanks for the info on KPH. It is definitely sad to see so many of the "icons" of CW radio dying. I used to copy UPI World News on KPH in the early evenings back in the 1960's and 70's. They would start out around 20 wpm and end up about 28 wpm ... just enough to keep a touch-typer and a typewriter (mill) pretty busy. I remember when I first started copying UPI news from them, I had done so for several evenings when on one night, they were sending world weather (Rio de Janero CLDY 31C, etc) and the operator sent a series of dits to indicate a mistake, and corrected the temperature. WOW, I remember thinking ... this is being sent LIVE! And it took this op a week of sending news live to make ONE mistake. Now there's a true brass pounder.

For those of you who never copied the CW maritime stations, you missed a piece of history and the best CW practice around. KPH, NMC, WCC, etc. with their news, notice to mariners, coastal weather and hourly traffic lists were the best CW practice going.

72, Paul NA5N



-----  
Date: Thu, 3 Jul 1997 11:06:18 -0400  
From: John Marshall <johnmars@mindspring.com>  
To: qrp-1@Lehigh.EDU  
Subject: [22367] Re: Where's the antenna tuner?  
Message-ID: <103020900afe163968190@[207.69.166.55]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

This is good food for thought, Cecil, and good approach to a simple multiband antenna. Since I'm a digest subscriber, others may have responded to this already, but here's my 2 cents:

Let's assume that the 94 foot ladder-line is exactly  $3/4$  wavelength and that it has no loss (it should be under a tenth of a dB at 7 MHz). Since this is an odd multiple of a quarter wavelength, it's a special case and the impedance calculation is fairly simple. If the feedpoint impedance is 41 ohms resistive, the load impedance is the square of the line impedance divided by the input impedance, or  $450 * 450 / 41$ , or 4939 ohms resistive.

The calculation gets hairier if the line has significant loss, the impedance to be matched includes some reactance, or if the line length isn't exactly a quarter wave multiple. Computers are handy in this case, or Smith Charts and slide rules for those who remember!

The really cool thing about this approach to antenna matching is that you can vary the transmission line length and achieve nearly the same effect as varying the antenna length. I believe that this is because the 450 ohm characteristic impedance of the line approximates the characteristic of the antenna itself. Any comments on whether there may be a better line impedance to use for this purpose?

Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com> wrote:

>You've got a transmitter, a 50 ohm SWR meter, and a 1:1  
>choke/balun feeding an antenna and obtain the following  
>readings:  
>  
>freq-MHz        7.0       7.1       7.15       7.2       7.3  
>  
>50 ohm SWR      3.2      1.6      1.2      1.6      3.2  
>  
>Guess what centerfed wire antenna is connected? A halfwave  
>dipole? Nope. Would you believe there is a fullwave (125ft)

>dipole attached. Here's the configuration:  
>  
>xmtr---SWR meter---1:1 choke---94' 450LL---125'CF  
>  
>The 94 ft of 450 ohm ladder-line is 3/4 wavelength and  
>transforms the very high impedance of the fullwave dipole  
>to 41 ohms at a current maximum and that's where we feed  
>it. If we want to vary the ladder-line length within the  
>40m band, we can get an SWR of 1.2 all across the band  
>\*\*\* without an antenna tuner \*\*\*.  
>  
>This is an 80m halfwave dipole and it will work on any and  
>all HF bands just like it does on 40m (with the possible  
>exception of 10m).  
>  
>So what's the SWR on the ladder-line and what's the antenna  
>feedpoint impedance?

72,  
John Marshall, KU4AF  
Pittsboro, NC FM05ks

-----  
Date: Thu, 3 Jul 1997 16:36:36 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: Buck Switzer <n8cqa@tir.com>  
Cc: qrp-1@Lehigh.EDU  
Subject: [22368] Re: MI-QRP 4th of July CW Sprint  
Message-ID: <199707031536.QAA26674@chuck.dallas.sgi.com>

Buck et.al.,

1. OK on this being the first time. That means that there is a chance for some lucky individual to be the first ever to win the first annual MI-QRP Fourth of July Sprint.
2. Sixty logs should be doable by this group. Heck. How many of the SST 40s have been built? Think I'll use mine just to see how many others I can work. What we need is a side test here. Everyone get out the rig of their choice. We'll take all the scores for the SST-XX, NC40s, OHR 100s, SWL40s, SWL80s, ... and add them up

and divide by the number of enteries. Just a statistical little ditty. Send me the scores and I'll do the math. Send Buck the logs. If Buck doesn't get the log, the score does not count. Not to in any way shape or form to classify the rigs but to look at the number of homebrew/kits we have in this group and the same for the ICOMs, Yaesu's, Kenwood's, TenTec's, etc.....  
QRP is OPERATING with 5W or less. Nothing else really matters that much in this game.

3. I think that you should be counted as a team, since K8DD is contributing significantly to the advantage you will have in the test. :-) ;-) Don't make him look too bad since you are using his setup.
4. Is Ernie, W8MVN, going to be on? I want to know ahead of time so that the AGC will be prepared. ;-)
5. Coming into the office today (it's a holiday) I heard the word thunderboomers being mentioned. You scheduled this contest just for such an occasion didn't you? It's too late in the year to be having these things now.
6. I couldn't help but notice the sly way the scoring classes were set up. At 1W a person could raise or lower their standings depending on their choice of class to enter. Cute little ditty Buck. :-)
7. Another number to look up and put on a 3x5 card on the rig.

Gotta remember to charge a 9V nicad for the keyer. Would be embarrassing to have the puppy quit half way through. And I want you to know and the group to know that I gave up a free dinner to stay with the program so let's get some activity going here gang. But I did get Phyllis and the group to move the dinner to Saturday. Everyone step up to the paddles (you did buy one of the new ones) or key(s) and pound some brass. Finish that kit that you started during the winter. If you can only work 15 minutes or less then please do so. Just remember who you are looking for. ;-)  
And KU7Y is not the correct answer.

I know everyone wants to beat the little country bumpkin/boy from TX and you might easily just by getting on but I'm going to make it difficult. No pain, no gain. Just Do It.

dit dit from the weak one in the noise level K5F0/QRPP

Chuck Adams K5F0 CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=043 30m=32 17m=5 12m=0 States=23/05/00 DX=03/00/00 QSLs=015

-----  
Date: Thu, 03 Jul 1997 11:38:03 -0400  
From: Randy Hargenrader <randyh@harksystems.com>  
To: qrp-l@Lehigh.EDU  
Subject: [22369] ARCI Renewal  
Message-ID: <33BBC75B.1AFD@harksystems.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone know who to send renewals for ARCI memberships to?

--

73, (Sir)Randy WJ4P  
Knightlites QRP-L #296 ARCI #9152 1996 40-9er High Scorer

-----  
Date: Thu, 3 Jul 1997 09:08:49 -0700 (PDT)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: Chuck Adams <adams@chuck.dallas.sgi.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22370] Re: MI-QRP 4th of July CW Sprint  
Message-ID: <Pine.SUN.3.90.970703090146.9860D-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Jul 1997, Chuck Adams wrote:

> 4. Is Ernie, W8MVN, going to be on? I want to know ahead of time so  
> that the AGC will be prepared. ;-)

Amen!!

> 5. Coming into the office today (it's a holiday) I heard the word  
> thunderboomers being mentioned. You scheduled this contest just  
> for such an occasion didn't you? It's too late in the year to  
> be having these things now.

Wow, Chucks starting the excuses already!! Boy, I'll bet he is gonna  
be easy pickings this time.....

> Just remember who you are looking for. ;-)

> And KU7Y is not the correct answer.

There is a typo here folks....KU7Y is the correct answer!

> I know everyone wants to beat the little country bumpkin/boy from TX and  
> you might easily just by getting on but I'm going to make it difficult.

Hmmmmmm.....

> No pain, no gain. Just Do It.

OK Chuck, tell ya what I'm gonna do.....I'll use the vertical antenna  
and leave the yagi on the ground. You will hear the yagi soon enough  
when SS comes around....

I'll be looking for you all.....I will have the nice sig from Nevada!  
No down in the noise stuff for me.....I'll have a good sig for you  
to copy. Speed will be whatever you need.

Lets see if we can't get at least 75 logs to Buck. Don't take it easy  
on him, make him work!!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Thu, 03 Jul 1997 11:15:04 -0700  
From: "Lawrence T. Owens" <w4dec@dibbs.net>  
To: qrp-l@Lehigh.EDU  
Subject: [22371] KPH closing.  
Message-ID: <33BBEC28.7326@dibbs.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang,

It is indeed sad to hear of the closing of KPH. During my  
years as a marine operator I have sent hundreds of messages through

this station. They could hear you when no one else could.

I don't know if KFS is closed yet or not, but KLB is still open on the Left Coast. It is operated remotely from WLO here in Mobile, AL. Also WSC at Tuckerton NJ is operated remote from WLO.

I think that WCC on Cape Cod is still open but the handwriting is on the wall. The ships at sea will really be in a pickle if for some reason all the Satcom stations went down.

WLO is still handling some CW and Sitor from the ships but traffic is getting less and less. They are down from 4 CW ops on a watch to 1 op handling WLO , WSC and KLB traffic.

Thanks for the bandwidth but I think most of you will find this interesting.

72, Larry (W4DEC)  
QRP ARCI# 8835  
QRP-L # 1045

-----  
Date: Thu, 3 Jul 1997 12:32:03 -0800  
From: "walter.b.thomas.1@pop300.gsfc.nasa.gov" <wthomas@pop300.gsfc.nasa.gov>  
To: qrp-l@Lehigh.EDU  
Subject: [22372] SST Varactor Switching  
Message-ID: <v03007801afe1bb54d75f@[128.183.210.205]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

For those folks using a switch to change between the MVAM108 and MV209 diodes in the SST VX0, consider using a subminiature DPDT switch. Use one pole to switch the diodes and the other pole to switch the resistors used to make the "dial" more linear. The linearizing resistors will be different for the two diodes. This worked great on my SST40. Dave W6EMD found 18K to work best for the MV209 on his 20M SST. I used a 3K0 resistor for the MVAM108 on my SST40. Your mileage may vary, so you may have to experiment with the resistor values.

73 Walt WA4KAC

-----

Date: Thu, 03 Jul 1997 11:36:34 -0500  
From: "j.w. thornton" <dub@oklahoma.net>  
To: qrp-1@Lehigh.EDU  
Subject: [22373] Re: [TenTec] Circuit breaker for Corsair II power  
Message-ID: <3.0.3.32.19970703113634.00d5c3b8@okc.oklahoma.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 10:34 AM 7/3/97 -0400, you wrote:

>Good Morning,  
>  
>I was reading the manual that came with my new used Corsair II and it  
>stated that the rig should needs more protection than a fuse in line with  
>the power supply. It suggests that a circuit breaker be installed and  
>mentions a particular TenTec model.  
>  
>My questions are:  
>  
>1) should I get a circuit breaker (I have a fuse already)?  
>2) Can I obtain a TenTec circuit breaker or is there a reasonable  
>substitute?

Geo: Ten Tec thinks you need the circuit breaker for protection of your  
finals, and I would bow to their knowledge. I have owned a Corsair II for  
10 years plus, and have 4 other Ten Tec rigs. None of the rigs I own have  
any protection for the finals built into the radio, its all in the power  
supplies. I do not use Ten Tec power supplies with all the rigs, and most  
certainly use the circuit breakers, unless a Ten Tec supply is used.

I have never blown a fuse, but I have tripped the circuit breakers too many  
times to count. Also your front panel power switch on the radio is  
designed to handle the current of a 120 volt line, not the much higher  
current of your 12 volt line, thus the circuit breaker or the power supply  
should be the only way to turn your rig on and off, if you are not using a  
Ten Tec supply.

I recently saw an address recommended by Ten Tec for the circuit breakers,  
as they were no longer handling them.

You have a fine rig. Get the circuit breaker to keep it happy. "73"

Dub WA5YFY  
J. W. (Dub) Thornton  
QRP-1 # 159  
ARCI #6982  
NW QRP # 427  
Minco, Okla. 73059

-----  
Date: Thu, 03 Jul 1997 00:49:54  
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>  
To: qrp-1@Lehigh.EDU  
Subject: [22374] FD @ W2UX in SC- 1B, 1 operator, battery/solar, 5 W  
Message-ID: <3.0.1.16.19970703004954.385f273a@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Was a rainy day in central SC on Saturday. Made a fan dipole Friday nite and got it in the pine trees in no time flat. Got the Argosy IID, keyer, LDG tuner, battery and solar panel out of the shack and set up in the storage shed out in the back yard. Had planned to be under the umbrella on the patio, but the storage shed was dry and boy did we get some rain.

Did not set any records but enjoyed the FD excitement for sure. After 28 years of FD, they are still fun. Even more fun now that I run QRP with battery and solar power. Here is the breakdown.

Total of 181 "CW" QSO's on three bands. ( NO SSB )  
140 on 40 meters  
33 on 20 meters  
8 on 10 meters

1810 QSO points plus a bonus of 300 comes out to 2110 total points.  
I was on the air for about 17 hours of casual operating.

Gonna do better next year. Starting to plan already.

=====  
73 / 72                    QRP ARCI # 8911  
Gary - W2UX                QRP-L # 593  
Lexington, SC              CQC #413  
(EX: WA2UAX)  
CW is the REAL THING!        Use it or lose it.  
=====

-----  
Date: Thu, 03 Jul 1997 11:52:54 -0500  
From: "j.w. thornton" <dub@oklahoma.net>  
To: qrp-1@Lehigh.EDU  
Subject: [22375] Re: [TenTec] Circuit breaker



Message-ID: <3.0.3.32.19970703115254.00d60344@okc.oklahoma.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Paul stated:

Does the Corsair use this much current for transmitting? Or is it common

>practice to turn off the power when transmitting?

>The built in power switch should easily handle the recieving current.

>I relayed in private message to George that I had run some tests on

>circuit breakers and compared them to identicly sized fuses, and the

>fuse opened much quicker. I am not sure what you mean by magnetic

>breaker opening faster. It still will handle quite a bit of overload before

>opening. Maybe we could try testing one of the ten-tec units if we

Paul and group: Ten Tec very specifically states in the manual that the front panel switch is not designed to handle the current involved from a 12V supply and should not be used to do so. With the Ten Tec supply, you are switching the 120 volt line.

As to "testing" the circuit breakers, they have been tested for many years by thousands of Ten Tec users world wide, and found to perform as advertised, protecting the finals of your Ten Tec radios, when you do not have a Ten Tec supply to do the same.

I have a local friend who recently purchased a Century 22. I told hem to be sure and get a circuit breaker before using his rig on the power supply he had. He is a very strong advocate of the circuit breakers today, as he purchased one from Ten Tec at the same time he sent his Century 22 in for new finals.

Get the circuit breaker and protect your finals. "73"

Dub WA5YFY

J. W. (Dub) Thornton

QRP-1 # 159

ARCI #6982

NW QRP # 427

Minco, Okla. 73059

-----  
Date: Thu, 3 Jul 1997 09:55:03 -0700 (PDT)

From: Jim Wallace <vintage@best.com>

To: "Lawrence T. Owens" <w4dec@dibbs.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [22376] Re: KPH closing.

Message-ID: <Pine.SGI.3.95.970703095015.18609A-100000@shellx.best.com>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Jul 1997, Lawrence T. Owens wrote:

> Hi Gang,  
>  
> It is indeed sad to hear of the closing of KPH. During my  
> years as a marine operator I have sent hundreds of messages through  
> this station. They could hear you when no one else could.  
> I don't know if KFS is closed yet or not, but KLB is still  
> open on the Left Coast.

Larry and gang,

I live not too far from the KFS transmit site and can assure you,  
they're still in operation. I can almost copy their CQs on my dental  
fillings. Their receive site is located on Rt.1 near San Gregorio and the  
antenna arrays make this suburban ham jealous.

Bob - W3CD

-----  
Date: Thu, 03 Jul 1997 13:30:19 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-1@Lehigh.EDU  
Subject: [22377] TUF-1 mixer on VHF  
Message-ID: <33BBE1AB.24E4@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've been asked about how these perform on VHF--I don't  
recall any problems which means they probably work just  
like Mini-Circuits says--though with any of these diode  
mixers good performance depends on proper terminations.

I did notice that the UHF version--the TUF-5, really needs  
to have the case soldered down to the ground plane  
to get good LO rejection--the  
ground pin isn't enough...

Also, the ERA-4/5 specs were revised--the original specs were a bit optimistic with regards to output power and intercept point. The ERA-6 looks to be a simple driver for those hybrid modules that need only 50 mW of input to get to the QRP limit.--Zack W1VT

BTW--the 2 inch Millen knob on my 6M rig is almost as big as the transceiver I built during FD. Someone broke the edge of it but I sanded the outer rim smooth--works great.

-----  
Date: Thu, 3 Jul 1997 10:43:59 -0700 (PDT)  
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>  
To: qrp-l@Lehigh.EDU  
Subject: [22378] Vanity Gate 3 to open soon  
Message-ID: <Roam.SIMC.2.0.6.867951839.10036.myers@bigboy>  
Content-Type: text

>From the FCC Daily Digest:

Released: July 3, 1997. AMATEUR VANITY CALL SIGN SYSTEM FILING GATE 3  
OPENS AUGUST 6, 1997.To file use Form 610-V available via the FCC Internet  
Homepage at <<http://www.fcc.gov/wtb/amradsrv.html>>. Contact: FCC National  
Call Center at 1-800-CALL-FCC.

OK, so you Advanced guys get a turn now ;-)

Dana K6JQ  
Dana@Source.Net

-----  
Date: Thu, 3 Jul 97 07:55:18 HST  
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)  
To: qrp-l@Lehigh.EDU  
Subject: [22379] Midway  
Message-ID: <9707031755.AA24762@krypton.nmr.Hawaii.Edu>

A friend is heading out to Midway for a rather long stay. He is mostly into VHF. He is planning on setting up a packet mailbox on 10 meters, and being active on both 10 and six, hoping to "phone home" to Oahu on meteor scatter a few times in early August.

If anyone is interested in trying the "impossible", either a 10 meter

east-west opening or multi-hop sporadic E, I can send you more details by Email when available.

Mike Burger      AH7R      Honolulu County      Grid: BL11ch      QRP-L #1053  
FISTS #3225      ARS #240      "Under the Bee's ... 28"

-----  
Date: Thu, 3 Jul 1997 11:05:18 -0700  
From: chunt@macromedia.com (Christian Hunt)  
To: qrp-1@Lehigh.EDU  
Subject: [22380] 'F' on 40m (FD Sun AM)?  
Message-ID: <v02140b0aafe1995a3ebd@[198.95.203.216]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Anyone else here the 1wpm 'F' being sent over and over for a few hours Sunday morning on 40m? Was somewhere around 7.040-7.041 or so. Just an 'F'... for about 2-3 hours! Figured someone fell asleep on thier keyboard. :)

---  
Christian O. Hunt - QA Punk & Unix Demigod  
Macromedia San Francisco - x2314

-----  
Date: Thu, 3 Jul 1997 11:13:26 -0800 (PDT)  
From: Ed Loranger <loranger@wolf.sr.hp.com>  
To: owner-qrp-1@Lehigh.EDU (Christian Hunt)  
Cc: qrp-1@Lehigh.EDU  
Subject: [22381] Re: 'F' on 40m (FD Sun AM)?  
Message-ID: <199707031813.AA000663606@wolf.sr.hp.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

I heard it. Thought the 'SF' beacon was there but realized it had to be something else. I even send QRZ? f? de we6w but no answer.

-Ed Loranger, we6w on the dumb terminal... Smoke let

out of regular computer. Gotta get my Hard Drive back!!!!

>

> Anyone else here the 1wpm 'F' being sent over and over for a few hours Sunday  
> morning on 40m? Was somewhere around 7.040-7.041 or so. Just an 'F'... for  
> about 2-3 hours! Figured someone fell asleep on thier keyboard. :)

>

>

>

>

> ---

> Christian O. Hunt - QA Punk & Unix Demigod

> Macromedia San Francisco - x2314

>

>

>

>

-----

Date: Thu, 3 Jul 1997 19:20:25 +0100

From: adams@chuck.dallas.sgi.com (Chuck Adams)

To: chunt@macromedia.com

Cc: qrp-1@Lehigh.EDU

Subject: [22382] Re: 'F' on 40m (FD Sun AM)?

Message-ID: <199707031820.TAA27638@chuck.dallas.sgi.com>

Christian,

We can always tell when someone new arrives on the scene. :-)  
You are hearing the 'famous' beacons from the old USSR.

Thanks for the report and it does show that 40M is still long  
even during the summer months during the early morning hours.

Here is the list again. Does seem late/early in the year to be hearing  
them. Usually only heard in the USofA during the quiet winter months.

Here is a copy of the list for the entire list to think about:

-----cut here-----

40M Beacons heard around 7.039MHz

No data known on power levels are antenna patterns at this time. (K5F0: my  
guess would be QRP levels due to the low strength of signals even when heard)

|                                 |         |        |                      |
|---------------------------------|---------|--------|----------------------|
| C - Moscow, European Russia     | 37.58E  | 55.75N | (in decimal degrees) |
| D - Odessa, Ukraine             | 30.70E  | 46.48N |                      |
| F - Vladivostok, Asiatic Russia | 131.85E | 43.14N |                      |
| K - Khabarovsk, Asiatic Russia  | 135.10E | 48.50N |                      |
| L - St Petersburg, Eur. Russia  | 30.33E  | 59.92N |                      |
| M - Magadan, Asiatic Russia     | 150.83E | 59.63N |                      |
| O - Moscow, European Russia     | 37.58E  | 55.75N |                      |
| P - Kaliningrad, Eur. Russia    | 20.50E  | 54.72N |                      |
| S - Archangel, Eur. Russia      | 41.00E  | 64.66N |                      |
| U - Murmansk, Eur. Russia       | 33.08E  | 68.97N |                      |
| X - Prague, Czech Republic      | 14.43E  | 50.08N |                      |
| yu - Kholm'sk, Asiatic Russia   | 142.08E | 47.66N |                      |

\*\*\*\* yu is dididahdah \*\*\*\*

Here are some distances in miles from the beacons to the city indicated and number in parenthesis is beam heading in degrees:

| Beacon | Seattle,WA  | San Fran.,CA | Phoenix,AZ  | Dallas,TX   |
|--------|-------------|--------------|-------------|-------------|
| C      | 5,198 (11)  | 5,864 (11)   | 6,015 (16)  | 5,752 (23)  |
| D      | 5,731 (18)  | 6,377 (18)   | 6,443 (24)  | 6,055 (33)  |
| F      | 4,711 (310) | 5,163 (313)  | 5,781 (318) | 6,353 (326) |
| K      | 4,341 (313) | 4,818 (316)  | 5,424 (321) | 5,969 (328) |
| L      | 4,846 (14)  | 5,507 (13)   | 5,636 (18)  | 5,360 (24)  |
| M      | 3,383 (318) | 3,904 (322)  | 4,484 (326) | 4,986 (330) |
| P      | 5,039 (21)  | 5,675 (20)   | 5,723 (25)  | 5,339 (31)  |
| S      | 4,625 (7)   | 5,298 (7)    | 5,499 (11)  | 5,325 (17)  |
| U      | 4,281 (9)   | 4,952 (9)    | 5,138 (12)  | 4,959 (16)  |
| X      | 5,209 (27)  | 5,819 (26)   | 5,801 (31)  | 5,337 (37)  |
| u      | 4,135 (309) | 4,578 (312)  | 5,198 (317) | 5,788 (324) |

| Beacon | Denver,CO   | Chicago,IL  | Buffalo,NY  | Atlanta,GA  | Anchorage,AK |
|--------|-------------|-------------|-------------|-------------|--------------|
| O      | 5,479 (20)  | 4,969 (28)  | 4,677 (32)  | 5,371 (29)  | 4,342 (355)  |
| D      | 5,879 (28)  | 5,254 (38)  | 4,907 (43)  | 5,578 (39)  | 4,992 (359)  |
| F      | 5,697 (321) | 6,068 (332) | 6,191 (338) | 6,648 (334) | 3,305 (285)  |
| K      | 5,317 (323) | 5,669 (332) | 5,789 (338) | 6,250 (335) | 2,924 (288)  |
| L      | 5,095 (21)  | 4,577 (28)  | 4,287 (32)  | 4,982 (28)  | 4,064 (270)  |
| M      | 4,339 (326) | 4,677 (332) | 4,809 (335) | 5,257 (334) | 1,953 (293)  |
| O      | 5,479 (20)  | 4,969 (28)  | 4,677 (32)  | 5,371 (29)  | 4,342 (355)  |
| P      | 5,157 (29)  | 4,540 (37)  | 4,204 (40)  | 4,883 (36)  | 4,406 (6)    |
| S      | 4,988 (14)  | 4,569 (21)  | 4,328 (24)  | 5,025 (21)  | 3,718 (354)  |
| U      | 4,623 (15)  | 4,206 (20)  | 3,972 (23)  | 4,668 (20)  | 3,438 (358)  |
| X      | 5,223 (35)  | 4,536 (43)  | 4,166 (47)  | 4,824 (42)  | 4,694 (10)   |
| u      | 5,129 (319) | 5,543 (328) | 5,697 (333) | 6,115 (330) | 2,742 (282)  |

We have been getting more reports from AK than anywhere else in the USofA and some people in Central Europe have reported hearing some of the beacons all during daylight hours, which makes sense.

Hope this information is of use to the QRP community. Any errors are the result of this authors typing skills and will be corrected and posted as needed.

FYI

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=043 30m=32 17m=5 12m=0 States=23/05/00 DX=03/00/00 QSLs=015

-----  
Date: Thu, 03 Jul 1997 14:24:36 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-l@Lehigh.EDU  
Subject: [22383] cheap BF-981 dual gate mosfets  
Message-ID: <33BBEE64.D6F@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I just got some of these from Dalbani  
1-800-325-2264. They appear to be an  
International Electronics distributor.  
(\$20 USA minimum/\$4 S/H)  
80 cents in small quantities down to  
57 cents each if you buy 10 (probably  
even cheaper for 100 or 200...)

These 20 volt devices are rated at  
a typical 200 MHz NF of 1 dB with 20  
dB gain. The package is SOT-103--surface  
mount but suitable for easy ground plane  
construction (reasonable lead lengths).  
Now if Phillips would just put a full  
data sheet for them on the WWW.

Zack W1VT

-----

Some of us, me included, are always new !!!!!

|                                                                                 |                                  |
|---------------------------------------------------------------------------------|----------------------------------|
| John A. Evans                                                                   | Chief Systems Administrator      |
| Office: (719) 528-1800 x164                                                     | Titan Client/Server Technologies |
| Fax: (719) 528-1888                                                             | 1115 Elkton Drive, Suite 200     |
| email: <a href="mailto:jaevans@cos.cst.titan.com">jaevans@cos.cst.titan.com</a> | Colorado Springs, CO 80907-3535  |

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045  
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184  
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

I have seen several links to the Adventure Radio web page but they don't seem to be up-to-date.

I am a DIGEST mode user but if you think this info would be useful to others use the LIST to respond.

Wire Antennas, Butternut, IsoLoop  
 Ramsey 1w 40 mtr xmtr /rcvx            norcal # 2210    MI-ORP # 1567





>handwriting is on the wall. The ships at sea will really be in  
>a pickle if for some reason all the Satcom stations went down.

Hmmm.... You mean like if there was a dramatic rise in solar  
activity that started knocking out sats here and there...?  
Doh!

This solar cycle could be an eye-opener for some.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It was the monkeys! The monkeys did it!"

-----

Date: Thu, 3 Jul 1997 12:04:00 -0700 (MST)  
From: Chris Trask <ctrask@primenet.com>  
To: Zack Lau <zlau@arrl.org>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22388] Re: cheap BF-981 dual gate mosfets  
Message-ID: <Pine.BSI.3.95.970703115627.18087A-100000@usr01.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Jul 1997, Zack Lau wrote:

> I just got some of these from Dalbani 1-800-325-2264. They appear to be an  
> International Electronics distributor. (\$20 USA minimum/\$4 S/H) 80 cents  
> in small quantities down to 57 cents each if you buy 10 (probably even  
> cheaper for 100 or 200...)  
>  
> These 20 volt devices are rated at a typical 200 MHz NF of 1 dB with 20  
> dB gain. The package is SOT-103--surface mount but suitable for easy  
> ground plane construction (reasonable lead lengths). Now if Phillips  
> would just put a full data sheet for them on the WWW.  
>

Except that Philips no longer makes the device. The full data  
sheet is available in the 1994 Small-Signal Field Effect Transistor  
Databook (SC-07), complete with noise figure circles, etc. This device  
looks as though it would have good linearity and a fairly low amount of  
distortion, judging from the Id/Vds curves.

It also looks as though the SOT-103 package is on it's way out.  
The SOT-143 and it's derivatives is better for surface mounting. I've

used the SOT-103 before, and found it best to put a 1/4" or so diameter hole in the board, rather than bend the leads.

Regards,

Chris

```

      /-----\
     / If you understand it, \
    /   then it's obsolete!   \
     \-----/
    _ | /
oo\  |
(--) \
     \ \   ' '   \
      \ \   ' '   \
       \ \   ' '   \
        \ \   ' '   \
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Circuit Design for the  
RF Impaired

Chris Trask / N7ZWY  
Principal Engineer  
ATG Design Services  
P.O. Box 25240  
Tempe, Arizona 85285-5240

Email: [ctrask@primenet.com](mailto:ctrask@primenet.com)

Graphics by Loek Frederiks

-----  
Date: Thu, 3 Jul 1997 15:03:37 -0500  
From: "Steve Cohen" <[scohen@xybion.com](mailto:scohen@xybion.com)>  
To: QRP-L@Lehigh.EDU  
Subject: [22389] Question on CMOS Super Keyer III  
Message-ID: <199707031908.PAA61583@nss2.CC.Lehigh.EDU>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Greetings All,

I feel like a dope asking this question, but I can't seem to find my August 1995 QST and the archives didn't yield an answer, so here goes.

Does the CMOS Super Keyer III from Idiom press have a good 'ole fashioned pot for the speed control like the CMOS Super Keyer II did? I really really dislike having to jump through hoops to change speeds to match the other guy and find the old knob to be the most

intuitive.

Steve

-----  
Stephen D. Cohen  
N30IE  
6 Elm Place  
Berkeley Heights, NJ 07922

-----  
Date: Thu, 03 Jul 1997 15:25:28 -0400  
From: Clay N4AOX <wyn@worldnet.att.net>  
To: w7ls@brigadoon.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [22390] Re: antenna formulae  
Message-ID: <33BBFCA8.31B0@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim W7LS wrote:

>  
> Here's my SWAG:  
>       The differences are because the authors are accounting for the  
> non-zero conductor thickness. The larger the conductor, the lower the number  
> that you have to divide to half wave length. 468 works well for average  
> conductor sizes for wire dipoles, as I remember.  
>       73 de Jim, W7LS  
>

I think you are correct. In ARRL Antenna Compendium No. 2  
controlled experiments by K8FCU, W3ESU, and K4HU show the  
effect of aspect ratio or length/dia. vs. resonant length.  
At 50:1 the shortening factor was .815; at 200:1 was 0.855.  
As reported these figures will be influenced in a minor way  
by height above ground and counterpoise size. The  
shorting figures were for 1/4 wave verticals , 64 radial  
counterpoise, approx 0.6 wavelength square and 0.15 wavelength  
above ground.

Also, I feel better about publishing dims that err on the long  
side than the short side. It is usually better to trim to  
resonance than to have to add extra length.

72/73,  
Clay N4AOX

-----  
Date: Thu, 03 Jul 1997 15:34:19 -0400  
From: Clay N4AOX <wyn@worldnet.att.net>  
To: qrp-1@Lehigh.EDU  
Subject: [22391] Re: CMOS II memory keyer question  
Message-ID: <33BBFE8B.7E90@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Larry East wrote:

>  
> >Any ideas on what I could do to run a CMOS II from a 9V source?  
> >I've found a speaker small enough to put the whole assembly (save  
> >the 3 AA's) in an Altoids tin. I still have enough room for a 9V.  
> >  
>  
> My advice is to use a low current 5V regulator; 9V in, 5V out. The LM2936  
> would be an ideal candidate; the LM2936Z-5.0 is a 3-pin TO-92 device thus  
> requiring very little room (you'll need a 0.1uF to 1.0uF cap on its output  
> -- there is probably one on the CMOS II board already). It will even work  
> when the battery voltage drops to under 6V!  
>

I am well into my third year with the three AA's powering the CMOS II  
with  
no on-off switch. I understand you do not want to use AA's to save  
space.  
What about using some lithium watch batteries? They are small, light,  
and  
would probably power the thing for a year.

-----  
Date: Thu, 3 Jul 1997 12:33:57 -0700  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
To: <kelman@dialnet.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [22392] Re: QRP from the Black Hills  
Message-ID: <199707031936.0AA00464@multi13.netcomi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Kelly --

You are hereby nominated as an official South Dakota representative for the Fifty States on Forty (and sometimes thirty) meters operations! Congratulations!

Let us know your schedule.

Mike K1MG

>  
> Hello All,  
> I will be operating portable from the Black Hills of South Dakota all next  
> week. I hope to be set up with Argosy and random wire antenna this  
> weekend. I will be operating on 7.040, 14.060, and 28.060 and Ten Meter  
> SSB. The location will be West of Custer Sdak at my folks house. Hope to  
> work some of you from the hills. I may set up at Mount Rushmore and  
> operate for a few hours on Ten meters. See you then!  
>  
> Kelly Ellison  
> WB0WQS

-----  
Date: Thu, 03 Jul 1997 16:51:41 -0400  
From: N4JS <n4js@amsat.org>  
To: qrp-1@Lehigh.EDU  
Subject: [22393] Adventure Radio Society  
Message-ID: <33BC10DC.89@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Earlier today, someone posted that they couldn't get to ARSs web page. I just tried it, and I get 'No DNS entry for www.natworld.com' Did they move? Hey, I'm a member, and they moved without a forwarding address. My feelings are hurt.

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|                                                                         |                                                                                                                                                    |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| _ _ _ _ _<br>  \         _     / _ _  <br>  . '     _ _         \ _ _ \ | John L. Sielke n4js@amsat.org n4js@pobox.com<br>n4js@n4js.ampr.org NJ Grid:FM29LN<br><a href="http://www.qsl.net/n4js">http://www.qsl.net/n4js</a> |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|

I\_|\\_| I\_| \\_/\_/ |\_\_\_/ NJ-QRP #57 QRP-L #884 QRP-ARCI #9328  
NE-QRP #507 G-QRP #9544 NorCal #1989 CQC CQRP QCWA FISTS #2781

-----  
Date: Thu, 3 Jul 1997 15:49:46 +0100  
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>  
To: Tony Fishpool <G4WIF@CompuServe.COM>  
Cc: QRP List <qrp-l@Lehigh.EDU>, GQRP List <gqrp-l@blacksheep.org>  
Subject: [22394] Re: SPRAT Number One  
Message-ID: <KqgRpAAKw7uzEw2C@gqrpclub.demon.co.uk>  
MIME-Version: 1.0

In message <199707030411\_MC2-19AE-EF76@compuserve.com>, Tony Fishpool  
<G4WIF@compuserve.com> writes

>Gang,  
>It's already at a site near you. The G-QRP club site. Frank  
>you are welcome to put it on your site, or just link to the club's  
>to save space on your server.  
>  
>The URL is:  
>[http://ourworld.compuserve.com/homepages/g4wif/q\\_about.htm](http://ourworld.compuserve.com/homepages/g4wif/q_about.htm)  
>  
>This page talks about the club beginings and there is a link to  
>download Sprat No. 1.  
>  
>Kind Regards  
>Tony - G4WIF  
><http://ourworld.compuserve.com/homepages/g4wif/gqrp.htm>  
>  
>>From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>  
>>Date: Wed, 2 Jul 1997 18:24:04 +0100  
>>Subject: GQRP - SPRAT Number One  
>  
>>Coming to a web site near you, a copy of SPRAT Number 1, when my XYL has  
>>finished typing it and I've sorted out the drawings, QRX...  
>>73 Frank, G3YCC.  
Thanks Tony, saves me and the XYL a lot of work!  
Cheers for now  
73 Frank, G3YCC.  
G QRP Club 042  
QRP Web site: <http://www.gqrpclub.demon.co.uk>

-----  
Date: Thu, 3 Jul 1997 16:13:15 -0500

From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)  
To: qrp-1@Lehigh.EDU  
Subject: [22395] Re: Adventure Radio Society  
Message-ID: <v01540b00afe1c5f66a17@[157.142.56.167]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Earlier today, someone posted that they couldn't get to ARSs web page. I  
>just tried it, and I get 'No DNS entry for www.natworld.com' Did they

I just connected to the ARS Web site (<http://www.natworld.com/ars/>) with no problem. Maybe the server was just busy.

Mike N5JKY

-----  
Date: Thu, 3 Jul 1997 16:28:01 -0500  
From: wmcshan@REX.RE.ouhsc.edu (Mike McShan)  
To: qrp-1@Lehigh.EDU  
Subject: [22396] Re: KPH now silent...  
Message-ID: <v01540b03afe1c854f89e@[157.142.56.167]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>  
>For those of you who never copied the CW maritime stations, you  
>missed a piece of history and the best CW practice around. KPH,  
>NMC, WCC, etc. with their news, notice to mariners, coastal  
>weather and hourly traffic lists were the best CW practice going.  
>  
>72, Paul NA5N

Check out Global Radio Network website  
(<http://www.globewireless.com/index.htm>). You'll find schedules and frequencies for their maritime CW stations. Great CW practice. I often listen to the CW weather and traffic lists from WNU (Slidell, LA) on 4310 KHz at 0350 Z. Who knows how long these services will last, but if I were at sea, I'd feel a little more secure knowing that these stations were listening for me.

Mike N5JKY  
Edmond, OK



Happy 4th to all!

-----  
Date: Thu, 3 Jul 97 17:34:17 -0400  
From: pmeier <pmeier@tir.com>  
To: "QRP-L List" <qrp-l@Lehigh.EDU>  
Subject: [22397] FS: WM20 QRP SSB  
Message-ID: <199707032132.RAA09250@tir.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

White Mountain QRP 20 Meter SSB radio in it's optional case and including a R.S. mic. The rig was carefully put together and works perfect. Checked out by it's designer Dave Benson. I mostly work cw and bought the kit just for the fun of building it. Now it's time to move on to other projects. Price is \$145.

Pete WK8S

-----  
Date: Thu, 03 Jul 1997 15:46:35 -0600  
From: AE0Q V31RY <v31ry@ix.netcom.com>  
To: qrp-l@Lehigh.EDU  
Subject: [22398] Re: Question on CMOS Super Keyer III  
Message-ID: <2.2.16.19970703214635.2f3f419a@popd.ix.netcom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 15:03 03-07-97 -0500, N30IE wrote:

> Does the CMOS Super Keyer III from Idiom press have a good 'ole  
> fashioned pot for the speed control like the CMOS Super Keyer II did?  
> I really really dislike having to jump through hoops to change speeds  
> to match the other guy and find the old knob to be the most  
> intuitive.  
>  
> Steve

Hello Steve, yes it does have a pot for the speed control. There is one major difference between the CMOS-II and III commands regarding the speed, however.

With the CMOS-II the command 'S XX' would set the speed to XX wpm where the knob was pointing. I liked that, you could set the knob straight up (mid-range) and make it 30 wpm or whatever, and know exactly where your favorite speed was..

For some reason, the designers felt it was better to be able to define the entire range of the control with the speed command, so with the CMOS-III you have to use the command 'S XXYY', where XX is the low end, and YY is the high end of the control range. Now it's hard to set it to an exact point when straight up, an easy visual reference..

I personally find it a pain to lower my range quickly with the CMOS-III, and wish they had kept it the same as the CMOS-II.. When I needed to QRS below my normal range, it was quick to just use the S command to drop it to a slower speed instantly.. With the CMOS-III you have to give it the whole range, and then do it again to get back to where you were..

Anyway, that's how they work!

73 -- Glenn

-----  
"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK  
v31ry@ix.netcom.com --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--  
<http://www.qsl.net/ae0q>

-----  
Date: Thu, 3 Jul 1997 14:49:27 -0700  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
To: <slee@u.washington.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [22399] Re: KPH now silent...  
Message-ID: <199707032151.QAA11142@multi13.netcomi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

We need to double check the accuracy of the reported demise of KPH.

The information I have is that Globe Wireless, headquartered near here, has purchased the station and is continuing the same services and schedule as the previous owner.

This is a positive move, I believe, because Globe is an ambitious, growing, successful provider of world-wide communications for ships. BTW, they own one of those chirp sounding systems that we often hear on the ham bands, and use it to determine the optimum station and frequency for communications with a ship at a particular location on the globe.

Mike K1MG

-----  
Date: Thu, 3 Jul 97 15:51:58 +0000  
From: tgordish@concentric.net  
To: <loranger@wolf.sr.hp.com>, "qrp-1" <qrp-1@Lehigh.EDU>  
Subject: [22400] Re: QRO op Shows Class!  
Message-ID: <199707032249.SAA10548@cliff.concentric.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

Ed and QRP Folk,

Yup, I have QSOed one of these QRO/QRP types also. Fun it was. He brought his power out down in steps, each time asking for a signal report. I think he finally stopped at about 1 W. He was real fun to work, and rag chew with. These are the characters that make it such a fun hobby.

BTW I have N5SU on my FD log! He must have ears for QRP. I was just running 3w on my 20m SST.

72

Tim & Aretta Gordish  
KB9LGJ & N0YDG  
Yuma, AZ

QRP-L #457, ScQRPion #25, IDEA, ARRL  
Rigs: 38-S, 20m-SST  
WAS on 30: 18 confirmed

\*\*All the nations may walk in the name of their gods, we walk in the name of the Lord our God for ever and ever" Micah 4:5\*\*

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End of QRP-L Digest 776

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